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FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

FEBRUARY 7, 1977

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MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
FEBRUARY 4, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending February 4, 1977:

GENERAL

Skies have been cloudy, temperatures moderate, and there has been very little precipitation the past month. Inclement weather is hampering progress.

PRECONSTRUCTION

I 90-1(12)11-22, Saltese - DeBorgia — Gary Eichert, Field Project Mgr.
Length - 10.8 Miles, Preliminary Engineering — St. Regis, Mont., Phone 649-2471
Running of offset lines on the left and right of the eastbound lane has been completed, and profiling of the eastbound lane has been completed from the beginning of the project to the Haugan interchange. Relocating of control points on the westbound lane, preparatory to running offset lines, is currently underway. Profiling of the eastbound lane will be started when the shoulders are free of ice. Construction layout, with a 4-man and a 5-man crew, is 4% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Mont., Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - March 31, 1977
Work is continuing on right of way, summaries, and miscellaneous details on Sloway - East and West and on Superior - West. Work is also continuing on the main line change, by the C. M. St. P. & P. railroad bridge. The roadway section of the contract is 89% complete, bridge section 99.9%, and the total contract, as a unit, is 96% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles, Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

I 90-1(77)22, U-5, Drexel - East & West — Personnel Unassigned
Structures at Sta. 241+69 & 251+80 & Grading
Contract Scheduled for Letting Feb. 24, 1977

I-IG 90-1(61)27, U-1, St. Regis - East & West Structures at Ramp L-2 & Sta. 476+50± & Detours & Approaches
Contract Scheduled for Letting March 31, 1977
Personnel Unassigned

RS 4(10), State Route 269, Stevensville
Length - 0.5± Mile, Preliminary Engineering
Work Started Dec. 9, 1976
Allan Dutton, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - March 25, 1977
A 6-man engineering crew has been taking cross sections and working on hardshell. The survey is 60% complete.

F 197(8), Dixon - Ravalli
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.
Personnel Unassigned

F 219(36), DeSmet - Evaro
Length - 5.3 Miles
Survey Started Dec. 18, 1975
C. W. Hegman, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Completed - Dec. 13, 1976
Data forwarded to Helena Feb. 3, 1977.

S 221 (3), Thompson Falls - West
Length - 4.3 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
Work this past month has consisted of checking quantities, re-plotting mass diagram, and preparing a set of white prints for right-of-way design (showing new construction limits and revised right of way.) Recommendations for creek crossing have not yet been received from Hydraulics. The design is 68% complete.

RF 215(27), Florence - Lolo, Add 2 Lanes
Length - 8.5 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
Work has consisted of preparing linen plan and profile sheets and preparing and submitting data processing forms for establishing the southbound centerline. The design is 12% complete.

RF 223(6), Plains - Paradise
Length - 6.9 Miles
Survey Started Dec. 14, 1976
C. W. Hegman, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - June 30, 1977
A 5-man engineering crew has been running line and setting points with distance meter. One engineer is working on computations. The survey, with a total of 110 man days having been utilized to date, is 6% complete.

ROS 4144(52) Unit 5, Missoula - Ravalli
Bridge End Treatment
Contract Scheduled for Letting Feb. 24, 1977
Personnel Unassigned

M 8107(1), Missoula Street
Length - 0.80 Mile
Survey Started Jan. 19, 1977
T. L. Oertli, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Feb. 28, 1977
A 4- to 5-man engineering crew is working part time, when not on other assignments. Centerline and bench levels have been established from Sta. 6+00 to Sta. 20+00 and work has been started on topog. The survey, with 18 man days having been utilized to date, is 12% complete.

M 8114 - Missoula
5th to 6th to 7th Streets
Work will be started when personnel are available.
Personnel Unassigned

M 8199(3), Missoula Intersections
Preliminary Engineering
Work Started Nov. 8, 1976
Work has been suspended.

T. L. Oertli, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending

C O N S T R U C T I O N

I 90-1(80), Lookout Pass - East
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign
Contract Awarded May 6, 1975
Amount of Contract - $5,359,580.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975

Northwest Construction, Inc.
Kirkland, Wash., Contractor
C. R. Owen, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 200 Working Days
Prob. Comp. Date -

The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A 3-man engineering crew is compiling final data for submittal to the Division office about March 15, 1977.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
Saltese - Haugan & DeBorgia - East & West
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 350 Calendar Days
Completed - Aug. 12, 1976

Two engineers are compiling final data for submittal to the Division office about March 15, 1977.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Jack Silvey, Engr. Tech. 3
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - May 20, 1977

Structural steel girders have all been unloaded at St. Regis. Some structural steel remains to be delivered to the Maintenance Dept. at Missoula. The project as a whole is 35% complete with all of the contract time elapsed. Construction layout is 50% complete.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976

Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Project Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Completed - Dec. 7, 1976

Work on the final data is being delayed, pending return of the computer run on excavation.

I 90-1(77)22, U-3, Henderson Interchange
Length - 138.0-Ft. Prestressed Concrete Girder Overpass
Contract let Nov. 19, 1976
Amount of Contract - $292,648.99
Work Not Yet Started
Work will be started when weather permits.

Sletten Construction Co.
Great Falls, Mont., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 135 Working Days

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-AGG. SURF-PMB-Sign & Flasher Installation
Contract let Dec. 16, 1976
Amount of Contract - $2,836,425.90
Work Started Jan. 25, 1977
Work Proceed Date - April 18, 1977

Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 220 Working Days
Prob. Comp. Date - Dec. 15, 1977

Clearing operations are underway on the eastbound, from Sta. 700+00 to Sta. 850+00. The project is 0% complete with 0% of the contract time elapsed. Eleven men are working five 8-hour shifts per week. Construction layout, with a 12-man engineering crew engaged, is 30% complete.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Project Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - July 15, 1977

Work the past month consisted of placing concrete for the footing, footing pad, and column at Pier 3. Backfilling has been completed and sheet piling is being pulled. The project as a whole is 35% complete with 72% of the contract time elapsed. Eleven men worked two 8-hour shifts. Construction layout, with a 3-man engineering crew engaged, is 40% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1,020.0-Ft. Composite Steel & Conc. Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 280 Working Days
Prob. Comp. Date - May 30, 1977

Work has been suspended. The project as a whole is 96% complete with 92% of the contract time elapsed. Construction layout is 99% complete. Engineering personnel are currently engaged on other assignments.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB, Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 90 Working Days
Prob. Comp. Date - May 20, 1977

There has been no work by the contractor. The project as a whole is 97% complete with 94% of the contract time elapsed. One engineer worked four days on summary sheets. Construction layout is 96% complete.

F 192(9), Arlee - Safety, US 93
Flasher Installation & Traffic Cont. Devices
Contract let Nov. 19, 1976
Amount of Contract - $29,588.95
Work Not Yet Started
Work Proceed Date - April 18, 1977

S. & S. Construction Co.
Helena, Montana, Contractor
Julian E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 20 Working Days
Prob. Comp. Date - June 1, 1977

The contractor tentatively plans to start pole installation next week.

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Final data will be submitted to Helena about Feb. 25, 1977.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North, &
South, & Evaro Hill
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976
Final data will be submitted to the Division office about February 18, 1977.

McIntyre Const. Co. & Birch, Inc.
Great Falls, Mont., Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Completed - Sept. 29, 1976

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. Surf.-PMB-Widen &
Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976
The project as a whole is 70% complete with 62% of the contract time elapsed. Work has been suspended and personnel are currently engaged on other assignments.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975
Two engineers are compiling final data for submittal to the Division office about March 15, 1977.

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Completed - Oct. 18, 1976

M-RS 000S(53), Missoula County - Urban
Length - 37.9 Miles, Signing & Delineation
Contract let Oct. 29, 1976
Amount of Contract - $58,976.70
Work Not Yet Started
Work Proceed Date - April 18, 1977
The contractor plans to start work in the spring.

Western Sign Corp., Contractor
Great Falls, Montana
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 90 Calendar Days
Prob. Comp. Date - July 1, 1977

M 8105(3), Missoula, Channelization & Sig. Rev.
Broadway &Russell Intersection
Contract let Nov. 19, 1976
Amount of Contract - $125,400.50
Work Not Yet Started
Work Proceed Date - April 18, 1977
The contractor plans to start loop detector installation this spring, when weather permits.

Fred Strandberg Const. Co., Inc.
Helena, Montana, Contractor
J. R. Williams, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 50 Working Days
Prob. Comp. Date - July 29, 1977

M 8107(2), City of Missoula
Orange Street Traffic Control Devices
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975
Final data will be forwarded to Helena about March 15, 1977.

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Completed - Oct. 18, 1976

M 8107(4), North Orange Street - Missoula
Length - 0.8 Mile-Lighting & O'Height Detector
Contract let Aug. 26, 1976
Amount of Contract - $85,663.22
Work Not Yet Started
Work Proceed Date - Sept. 20, 1976
The contractor plans to start work in the spring, when weather permits.

Midland Electric, Contractor
Billings, Montana
J. R. Williams, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - June 17, 1977

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976
There has been no work the past few months. The project is 87% complete with 2% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 99% complete.

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - May 29, 1977

SMP 3299-77, Missoula & Ravalli Counties
Crush & Stockpile 55,000 Tons of Aggregates
Contract let Jan. 27, 1977
Amount of Contract - $166,025.00
Work Not Yet Started
There has been insufficient time for the contractor to advise of his plans for starting work.

Washington Construction Co.
Missoula, Mont., Contractor
D. R. Lohn, Lab. Supervisor 2
Missoula, Mont., Phone 549-6491
Contract Time - 80 Working Days
Prob. Comp. Date - July 15, 1977

Ben C. Miller

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

February 4, 1977

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the peroid ending February 4, 1977.

G E N E R A L

Progress has been fair. Weather has been mostly cloudy with low overcast with very light precipitation in the form of snow. Day time temperatures from +26° to +34° with night tmeperatures from +10° to +26°. Highways in normal winter driving conditions with occasional snow and ice in shaded areas.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 3900' & 7000' Alignment
Survey Authorization Dated - August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
(Field Hdqtrs.-Crystal Creek)
Est. Comp. Date - May 1, 1977

The project consists of two separate sections. The most westerly section is 3900' in length including spirals and connections. The most easterly section is 7000' in length with spirals and connections. Centerline, benches, cross-sections and topography is 100% complete. Section ties are approximately 75% complete. The remaining survey work consists of bridge surveys. There has been no additional work on this location during the last reporting period. The bridge surveys will be made in the spring after the ice has dissipated. The total man days used to date remains 242½ days, with the survey remaining approximately 80% complete.

ERFO 72(2)3 Miles East of West Glacier
Middle Fork River, U.S. #2-Flood Repair
Length - N/A
Design Started - December 21, 1976

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Comp. Date - January 5, 1977

Design of the flood repair section of U.S. #2, mile post 157, was completed and submitted to Proconstruction of January 5, 1977. A riprap source has yet to be determined between the Department of Highways and the U.S. Forest Service. This will be the last report on Preconstruction.

F-100(9) Columbia Falls East & West
RS 486-1(2); (S-334(2)) Nucleus Ave.
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - April 30, 1977

F100(9)
Two men worked 28 man days the past period on R/W plans, grade, drainage, earthwork quantities, and miscellaneous design. Right of way plans were completed and submitted to Helena. Storm drain plans, with field data, were submitted to the Hydraulics Unit for completion, with the exception of summaries. 312 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(2)

Two men worked 3 man days the past period on R/W plans, and summary sheets. Storm drain plans were submitted to the Hydraulics Unit for completion, with the exception of summaries. Right of way plans were completed and submitted to Helena. 74 man days have been used to date on design, which is approximately 70% complete.

RF-257(16) & LSF-1-257(5) Coram-West Glac. Section
Length - 4.8 Miles
Scheduled for April 1977 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

A six man crew began establishing the projected center line on January 3, 1977. Work consists of clearing line, setting control points and running line. A Survey crew of six men worked a total of 146 man days.

UTILITIES

Montana Power Company discontinued operations for the winter or until other work loads subside. Gas line crossing have been relocated at stations 493+11 and 529+65. Relocation remains approximately 20% complete.

Harp Line Cosntruction Co., contractor for Flathead Electirc Co-op has discontinued operations for the present time, with major corridor being cleared for new utilities. Relocation remains approximately 10% complete.

F-263(8) Stryker-Roosville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Jack Adamson, Field Proj. Mgr.
Eureka, Montana 59917
Est. Comp. Date - March 1, 1977

Progress has been fair with the cross sections completed on the main line. Levels have been completed for entire project. It has been requested to do a complete survey on a 5000± alternate line on the south end of Eureka. This will be started in the near future, after completion of work on the main line. Six engineering personnel are working at Eureka and two personnel working in the office in Troy, on the hard shell and other notes. The project as a whole is 70% complete with 725 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Design personnel will be working on projects F-100(9) and S-334(2) until completion. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

RS 4144(52) U1 - Polson
RS4144(52) U12 - Ravalli
Bridge End Treatment
Scheduled for February 24, 1977 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

No preliminary engineering work done to date. Project involves bridge end approach improvements on Flathead River bridge west of Polson and bridge over Jocko River west of Ravalli.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit.
Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 110 Working Days
Proj. Completed - Aug. 18, 1976

One man is presently checking final in Division office. Should be checked and ready for submittal to Helena about February 15, 1977.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 Miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975 (FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975(S.P. #17)
Work Started - October 6, 1975

Fred Stranberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone - 295-4741
Contract Time - 60 Working Days
Completed - June 18, 1976

The project final was submitted to Helena January 17, 1977. This will be a final report.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - November 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59403
Duane Anderson, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 1, 1977

Contractor is working 5-8 hour shifts, employing 18 men. Progress has been poor due to numerous breakdowns. Contractor is placing Class III riprap Sta. 418+25 to Sta. 429+50; 508+85 to 511+50; 517+00 to 535+00 and 1676+50 to 1671+80. Completed removal of rock point right station 1665+00. Project as a whole is 14% complete with 0% of the contract time elapsed (seasonal suspend work).

A six man engineering crew is assigned to project. Engineering layout is approximately 75% complete.

RF-BRF-100(15) Flathead River Br. Col. Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 300 Working Days
Prob. Comp. Date - July 1, 1977

Progress has been fair this past month. The contractor worked 22 single and 3 double shifts of 8 hours per shift employing 7-17 men. All concrete, re-steel and structural steel has been completed for all W. B. piers except for minor finishing. Riprap is still required at Pier No. 4, which will be placed shortly. The contractor is presently removing concrete for existing Pier No. 3, general clean up and preparing for placement of beams.

The project as a whole is approximately 78% complete with 80% total contract time lapsed. The project is presently under winter suspend. Two state employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on Four
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - October 13, 1976

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 45 Working Days
Prob. Comp. Date - March 15, 1977

There has been little progress. The school flashers at St. Matthew have been installed and are operating with some minor adjustments to be made. The signal poles were set on January 6, 1977. A letter was sent to the contractor in accordance to special provisions item 2, Section B, paragraph 3, but have not received all the invoices as all the material has not been shipped. The project remains approximately 4% complete with 0% of the contract time elapsed. There is no contractor personnel on the project.

HHS-257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 30 Working Days
Project Completed - Oct. 19, 1976

Final was submitted to division office January 25, 1977. Should be checked and ready for submittal to Helena about March 1, 1977.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface,
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 60 Working Days
Project Completed - Dec. 3, 1976

Final was submitted to division office January 31, 1977. Should be checked and ready for submittal to Helena about April 1, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One Pre-Stressed Concrete
Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975(FHWA Conc.4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

The project was completed and accepted December 6, 1976. Final compilation is being worked on as time permits, however progress has been poor due to construction activity of RS 404(8). The final will be submitted to division office in about 45 days.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone - 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - July 1, 1977

No work by contractor. Two State personnel working in office on notes as time permits. The project remains 59% complete with 60% of contract time elapsed.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - May 17, 1977

RS-DP-448(3)

No progress last month. Guard rail posts have been set for all guard rail sections and dress up around post will be done in the spring. All contract and change orders are 100% complete with the exception of chip and seal and striping, which will be completed in the summer of 1977. The project as a whole is 95% complete with 76% of the contract time elapsed. Construction layout is approximately 96% complete with a state personnel engaged in inspection and checking construction notes.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf., Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress has been fair. The prime contractor, with 20-25 men employed are placing uncl. borrow Sta. 574 to 579, blasting and drilling Sta. 451 to 456, laying drains Sta 572+65, and installing multiplate and cutoff walls Sta. 574+05, and laying storm drain from Sta. 560 to 572. Trails End Const., with 6 men employed are mainly istalling storm drain from Sta. 583 to 590±. No work by Swan & Son Fencing this period. Crushing and stockpiling 4" select began on January 28, 1977. 12 engineers and inspectors are currently assigned to the project with construction layout approximately 30% complete. The project is approximatley 20% complete, with 0% of the contract time elapsed. Winter suspend is now in effect.

SMP-1599-76 (State Project)
4 Crusher Setups in Flathead, Lake Lincoln and Mineral Counties
Contract Let - December 17, 1976
Contract Awarded - December 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Not Started

Frank Boroni Construction
Butte, Montana
John Kalien, DMS II
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 65 Working Days
Prob. Comp. Date - June 1, 1977

Np Progress to date. Contractor indicated at pre-construction conference that he would begin crushing sometime during the month of February.

To date no reclamation plans have been received. There possibly will be a sub-contractor on pit at St. Regis, #3120-24.

Relocation: Montana 37 - Unit 3A - Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Construction Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana 59923
Phone - 293-6221
Jack Adamson, FPM-Liason Engineer
Troy, Montana
Phone - 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

The contractor has completed moving the railroad grade. Some work has been done at the quarry pit in preparation for spring work schedule. The project as a whole is approximately 5% complete.

Howard A. Stockwell
FOR James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS:mb

Department of Highways

Butte, Montana

February 3, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending February 1, 1977. The weather has been cool with some snow showers and temperatures ranging from -31^{0} to $+45^{0}$.

PRECONSTRUCTION

RS 6(10)
Canyon Ferry Dam S.E.
Design
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 16, 1977

Work for the period consisted of checking survey notes, plotting the hardshell, and plotting cross sections. Field work on the project is 100% complete and the design work just began. A two man crew worked 8 man days for a total of 8 man days used to date. The profile plotted and inked is 100% complete, the Hardshell plotted is 100% complete and the cross sections plotted are 75% complete.

I IG 15-3(13)157
Basin-Boulder
5.9 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design

Calculated ties to frontage and access road, PI's were submitted. Work on cross sections is underway in preparation for earthwork balance calculations. Received notice to proceed with project while our request to revise the contract completion date is being processed. A meeting was held with Dundas, Bork, Larson to discuss field survey work and scheduling. Preliminary Plans are 95% complete. Project as a whole is 33% complete

Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878

Location

Work the past period consisted of running centerline and making section ties. A 10 man crew expended 195½ man days for a total of 195½ man days used to date. Line run is 50% complete and Section Ties are 10% complete. Project as a whole is 9% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

I IG 90-3(27)172
Garrison E&W (West Section)
Construction Staking
4.247 Miles
Powell County

Raymond G. Masters, Manager
Field Project
Deer Lodge, Montana

Construction staking is 10% complete with a twelve (12) man crew engaged.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: December 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Public Hearing was held November 8, 1976.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Lines and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.5 Miles
Silver Bow County

Eugene Campbell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Probable Completion Date:
March 6, 1977

Work the past period consisted of running centerline, running levels, taking topography and making bridge location site. An 8 man crew expended 211½ man days for a total of 322 man days used to date. Line and Levels run, Cross sections and Ownerships checked are all 100% complete. Topography is 40% complete, Section Ties are 60% complete and Field Notes checked are 63% complete. Project as a whole is 59% complete.

RS 364(4)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
DesignerII
Butte, Montana
Estimated Completion Date:
September 23, 1977

A two man crew expended 6 man days plotting the projected and staked line on a translite and coding I.B.M. sheets for the projected line and the mainline for a coordinate geometry and horizontal alignment run. Design work on the project is 10% complete, notes reduced and checked are 100% complete, cross sections plotted topoged and inked are 95% complete, the hardshell plotted is 100% complete, and the profile plotted and inked is 100% complete. A total of 30 man days have been used in design work to date.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Miles
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

S 442(1)
Grand Avenue - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
April 15, 1978

Work on the project consisted of revising grades on the profile to meet side street drainage requirements and existing structures, plotting ground line on linens, plotting underground utilities on x-sections and revising line and grades for the final two blocks of the project to eliminate a 30 foot offset in the centerline that had been planned. A two man crew worked 18 man days for 156 man days used to date. The plan and profile linens are traced for 1.4 miles and are 95% complete. The cross sections plotted inked and topoged are 95% complete and the profile revised and plotted is 95% complete.

PRECONSTRUCTION

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide
and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel, Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 150 Working Days
Completion Date:
October 22, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on February 21, 1977.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest ARea,
Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
April 15, 1977

Project on winter shutdown. Work remaining consists of installation of curbing and landscaping work under Change Order No. 2 which will be accomplished next spring. Project as a whole is 99% complete with 99% of the contract time elapsed. There are two Engineers assigned to this project.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Project I 15-2(36)118 Final Data is in Division Office but checking has not started. Project I 15-2(35)111 is 69% complete in the Field Office with 4 men engaged. It is estimated it will be submitted to Division Office on March 11, 1977. It is estimated that Final Data will be sent to Helena on May 12. 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

Project is on winter shutdown. Project as a whole is 63% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete. The 6 man engineering crew is presently working on the Basin-Boulder location.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

Final Estimate is 50% complete in the Field Office with a 5 man crew engaged. It is estimated that Final Data will be submitted to Division Office on April 4, 1977. It is estimated that Final Data will be sent to Helena on June 30, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena on April 15, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Project on winter shutdown. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is assigned to Basin-Boulder location.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Constr. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of drilling in rock slide and installing culverts. The contractor employed 2 men for 4-8 hour shifts. Project as a whole is 72% complete with 81% of the contract time elapsed. Construction layout as a whole is 89% complete with 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base Seal and Cover
10.160 Miles

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project

RS 34(7) Cont'd.
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Project is on winter shutdown. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man Engineering Crew assigned to this project and they are presently topoging utility lines in the Pipe Organ N&S area.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Not Started

S&S Construction
Helena, Montana
Engineer: Unassigned
Contract Time: 30 Working Days
Probable Completion Date:
April 22, 1977

Preconstruction Conference is scheduled for February 15, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

Road
Work the past period consisted of forming & pouring concrete cut-off walls. Contractor employed 3 men for 5-8 hour shifts. Project as a whole is 44% complete with 30% of the contract time elapsed. Construction layout as a whole is 76% complete with 2 Engineers and 2 Inspectors engaged.
Bridges
Progress during the past period was good. Work consisted of: Sta. 812+05.20 stripping Bt. No. 4 crossbeam bottom. Sta. 842+26.32 (W.B.) Bt. No. 1 driving the service pile; placing footing & column concrete. Bt. No. 4 placing column, beam & backwall concrete; backfilling around the footings & columns. (E.B.) Bt. No. 1 preboring for & driving 9 - Service pile, right footing (E.&W.B.) preparing sites for structural steel erection. Sta's. 1049+68.60 & 1150+10.00 (E.&W.B.) cleaning up areas. Percentage complete for the items are as follows: Conc. Cl. AD, 58%; Prestressed Beam - Type A 40,45,65&70 feet, 100%; prestressed beam - Type 4 90 feet, 100%; Struct. Steel - Item 431001010, 25%; Struc. Excav. Type 1, 99%; Test Pile Item 461020001, 100%; Furn. T.T. Pile, 95%; Drive T.T. Pile, 92%; Pile prebore holes, 78%; Reinf. Steel, 51%; Br. Rail-Steel Type 5, 3% & Protective Coat, 23%. The structure as a whole are 46% complete. During the past period the Br. Sub-Cont'r. (McIntyre Const.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.
Co.) worked 21-8 Hr. shifts with 14 men employed (the pre-bore mach. was broke down part of the period.) Construction layout is 48% complete with a 5 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road
Work the past period consisted of conducting grading operations. The contractor employed 30 men for 3-8 hour shifts. Project shut down for winter on Jan. 5, 1977. Project as a whole is 31% complete with 41% of the contract time elapsed. Construction layout as a whole is 92% complete. The 6 man engineering crew is presently construction staking on the Garrison West project.
Bridges
The contractor has not worked on this project during the past period. Percentages complete for the items are as follows: Structure Excavation 83%; Reinforcing Steel 44%; Class AD Concrete 60%; Traffic Control 18%; Mobilization 24%; Structural Steel 0.2%. The structural section of the project is 26.8% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen-East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the
construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
March 30, 1977

Progress the past period was fair. I IG 90-4(26)194 U2 Warm Springs N&S. No work this portion of Project. RS 304(12)U2 Galen East.
Structure at Clark Fork River Sta. 196+75.00: Bent No. 1: Excavated Footing, placed and tied steel and placed concrete at footing. Placed, tied steel and placed concrete in columns. Pier No. 2: Placed, tied steel and placed concrete for cross-beam. Bent No. 3: Placed, tied steel and placed concrete in columns. Percentages complete for items are as follows: Unclassified Channel Excavation 80%, Structure Excavation 88%, Reinforcing Steel 82%, Class AD Concrete 90%, Structural Steel 89%, Shoring and Crib 80%, Filter Material 80%, Gravel Blanket 83%, Class II Rip Rap 73%, Mobilization 90%, Steel Beam

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2 Cont'd.
Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 60%, Pre-Stressed Beams Type 4 85 Ft. 100%; Pre-STressed Beams Type A 35 Ft. 100%. The project as a whole is 84% complete with 74% of the contract time elapsed. The contractor worked twenty four (24) eight (8) hour shifts employing an average of six (6) men.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

Final Inspection and Acceptance is pending. It is estimated that Final Data will be sent to Helena on July 8, 1977.

FF 214(8)
Signalizing of the intersection
of 11th Ave. and Sanders St., 11th
Ave- & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electric Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Completion Date:
December 11, 1976

Final Data was sent to Helena on Jan. 13, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf. Pl. Mix
Bit. Base Surf., Seal, Cover
Signing and Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work STarted: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mont. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
November 30, 1977

Work the past period consisted of clearing and grubbing. The contractor employed 6 men for 4-8 hour shifts. Project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout as a whole is 5% complete with 6 Engineers and 1 Inspector engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Not Started

Jim Gilman, Excavating Co.
Butte, Montana
Engineer: Unassigned
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference has not been held.

FF 401(3)
Intersection of Montana Ave.
and Billings, Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
April 15, 1977

No work. Awaiting arrival of materials. Project as a whole is 21% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete. There are 4 Engineers assigned to this project.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
April 22, 1977

No work the past period. Project as a whole is 47% complete with 40% of the contract time elapsed.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Not Started

Jim Gilman Excavating, Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Preconstruction Conference has not been held.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
May 6, 1977

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

P. O. Box 1110
Bozeman, Montana 59715

CONSTRUCTION BUREAU

February 4, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two-week period ending February 4, 1977. The weather during this period was mostly cloudy with the temperatures ranging from -10° to 45°.

PRECONSTRUCTION

F 9(6) Truck Escape Route
Virginia City - Ennis
Length - 0.530 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur
Approx. Length - 6.7 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: July 1977

Engineering crew transferred off project on 1-7-77 due to deep snow and weather conditions.

FH 42-3(2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 50-2( )
Signals
Intersection of Main Street with
3rd & 5th Avenue - Bozeman

Engineer Unassigned

No information requested from field office to date.

F 60(15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 64-1(1)0 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on the project during the past period.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

No work on survey this last period. Information requested 12-1-76 will be obtained as weather conditions permit.

I 90-6( )315
Bozeman Pass - West Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(18)364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(34)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

One man is securing information as requested per field review held on 10-6-76.

RF 171(16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1977

A six man engineering crew is working on the location survey for this project authorized on 9-3-76. Centerline, cross-sectioning and bench levels are complete to Station 80+00. Survey as a whole is 16% complete.

F 244(15)
Raynolds Pass - Ennis
Length - 11.0 Miles

Engineer Unassigned

All requested information has been transmitted to Helena.

S 276(1)
Big Timber -North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 5-1-77

A six man engineering crew resumed the location survey on 1-11-77. Survey as a whole is 57% complete.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All data requested has been transmitted to Helena.

RS 463(1)
Springdale - Hunters Hot Springs
Aprox. Length - 2.2 Miles
Survey Started: 1-5-77

Larry O. Williams, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 3-1-77

An eight man engineering crew began the location survey on 1-5-77. Survey as a whole is 65% complete.

M 1201(1) — Engineer Unassigned
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

All location survey data has been transmitted to Thomas, Dean & Hoskins, Inc.

M 1202 (1) — Engineer Unassigned
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

All information requested to date has been transmitted to Helena.

M 1212(1) — Engineer Unassigned
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles

All field work for this location survey has been completed and data transmitted to Thomas, Dean & Hoskins, Inc.

ROS 4144(52)U-2 — Roger E. Blossom, PE, FPM
Manhattan - Bridge End Protection — Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena. Project scheduled for letting on 2-24-77.

SRS 4148 (52) — Roger E. Blossom, PE, FPM
BN, Inc. Signals - Off-System — Phone: 586-5074 Bozeman
Oregon St. - Belgrade
Northwest of Springdale

All requested information has been submitted to Helena.

SMP 0499-77 — Engineer Unassigned
Beaverhead, Broadwater & Gallatin Counties
Gravel Crushing

Project Scheduled for letting on 2-24-77.

C O N S T R U C T I O N

S 28(14)
McLeod - Big Timber
Structures and Approaches
Length - 0.905 Miles
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

COP Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Completion Date: 11-19-76

Final inspection for this project was held on 11-19-76. The final estimate and supporting data were submitted to the Division Office on 1-11-77. One man is checking the final estimate with an estimated completion date of 2-25-77.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Struct.
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

The contractor shut down all operations for the remainder of the winter on 10-25-76. Bozeman Sand & Gravel, Subcontractor, crushed and stockpiled 1½" Pl. Mix material until 1-4-77 at which time they shutdown for the winter. A thirteen man engineering crew is currently assigned to this project which is 19% complete with 30% of the contract time elapsed. The contractor has 212 working days of contract time remaining.

I 90-6(36)315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Completion Date: 10-22-76

The final inspection for this project was held on 10-28-76. The final estimate and supporting data were submitted to Helena on 1-27-77. This will be the last report for this project.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)

Clark Brothers Contractors
Victor, Montana

Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel and Conc. Overpass
Dual 78.0' Steel and Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

The contractor shut down all operations for the remainder of the winter on 12-17-76. A four man engineering crew is currently assigned to this project which is 77% complete with 57% of the contract time elapsed. The contractor has 115 working days of contract time remaining.

HHS 127(12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. & Guardrail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Work Started: 6-26-76
Proceed Order Date: 7-7-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Completion Date: 10-25-76

The final estimate and supporting data were submitted to Helena on 1-29-77. This will be the last report for this project.

M 1206(2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Completion Date: 9-10-76

The final estimate and supporting data were submitted to Helena on 1-3-77. This will be the last report for this project.

Respectfully submitted,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EPE:wb
cc: Gary A. Gilmore, PE, Division Traffic Engineer
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
FEBRUARY 6, 1977

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period January 1, 1977 thru February 6, 1977.

GENERAL

Weather has been clear to overcast with snow at times and temperatures ranging from 10^{o} to 50^{o}, causing intermittent work stoppage.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen Designer II
Great Falls - Phone #452-2361
Comp. Date: July 31, 1977

Two men worked 8 days Plotting Ground Line. Design is 16% complete.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: March 15, 1977

204 man-days used during this period taking Cross Sections, Running Levels, Centerline and Setting Bench Marks. The survey is 42% complete with 1178 man-days used to date.

RS 220-1 (2)
S 134 (1)
Farmington - North 8.5 miles
Agawam - North 3.6 miles
Design Started June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Three men worked 67 days Preparing Design for Plan-In-Hand, to be held in late February. This design will be split as shown, in two Projects. The proposed P.I.H. will cover both Projects. Design is 50% complete, both Projects.

RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.0 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1977

146 man-days used during this period Investigating Alternate Routes, Staking and Referencing Centerline. Survey is 10% complete with 166 man-days used to date.

M 5201 (1) - 6th St. Great Falls
Part I - 100%
Part II - 90%
Length: 1.3 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Part II (Station 40+65 to Station 68+00) Submitted construction plans, cross sections and special provisions for final review on December 16, 1976. Waiting for final review comments on the Signing and pavement marking plans that were submitted on November 17, 1976.

Route Location Study Report (68+00 to Central Avenue West) No action has been taken since the Location Public Hearing, July 31, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. - F.P.U.
Conrad - Phone #278-5412

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith, Mgr. F.P.U.
Craig Office - Phone #235-4364
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been poor. Apex Construction began installing sign faces on 1-24-77, working 8 hour shifts and began installing fence-protective screen on 2-1-77 at Cedar Street Exit, Helena. Work area is from Cedar Street Exit at Helena to Craig. Items and percent complete are: Remove Guard Rail, 74%; Sign-Alum. Sheet Inc., 54%; Sign-Sheet Alum., 33%; Guard Rail & Posts Revisions, 62% and Reset Signs, 34%.

The project as a whole is 59% complete with 52% of the contract time elapsed. Construction layout is 90% complete with a 5 man engineering crew engaged in staking, inspection and notes.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structure)
D. Moore, Mgr. F.P.U. (Approaches)
Comp. Time: 110 Working Days

Contract was awarded to Cop Construction Company January 27, 1977. Preconstruction meeting has not been held yet.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structures)
D. Moore, Mgr. F.P.U. (Approaches)
Comp. Time: 150 Working Days
Prob. Comp. Date: July 31, 1977

Progress has been fair, 2-8 men employed on Structures. Structure 1842: Bents 1 thru 4 in place, Pre-stress beams in place and Backwalls being formed. Structure 2095: Bents 1 thru 4 in place, Pre-stress beams in place, Backwalls in place and Deck being formed. Structure 301: Bents 1 and 5 Pre-bored and test piles driven, Bent 2 in place thru cap. and Bents 3 and 4 in place thru columns. This portion of project is 38% complete with 41% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in staking, inspection, testing and notes.
Approaches - Sub-contractor, Kraus Construction Company suspended all operations December 23, 1976. No work during this reporting period. Contractor plans to resume work placing top soil on the County Road fill slopes Lt. & Rt. of Station 301+80.5 as soon as weather permits. Items and percent complete are: Excavation-Unclassified, 90%; Compaction-Roadbed, 90%; Haul, 90% and Traffic Control, 29%. This portion of project is 75% complete with 41% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in running line and slope staking in other areas of overall project.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: May 30, 1977

Progress has been fair, with 6 men employed fifteen 8 hour shifts finishing conc., patching girders and piers, cleaning smoke damage, setting bridge rail and grinding deck. Items and percent complete are: Concrete, 94%; Reinf. Steel, 100%; Bridge Rail, 87% and Str. Steel, 95%. The project as a whole is 92% complete with 46% of the contract time elapsed. Construction layout is 95% complete with a 2 man engineering crew engaged in layout, inspection, testing and notes. Detour opened Sept. 7, 1976, it is one mile in length and in good condition.

I 15-6(15) 297 U-1 - Dutton No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix
Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. - F.P.U.
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Work Completed: Nov. 5, 1976

The project was completed November 5, 1976 using 92% of the contract time elapsed. Final Estimate was submitted to Division office on January 10, 1977 for checking. Same will be forwarded to Helena office on or about February 9, 1977.

I 15-6(20) 304 - Teton River - N.&S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - There has been no progress due to winter shutdown. Contractor plans to crush filter material and place riprap the end of February at the Teton River Structure. The project as a whole is 58% complete with 39% of the contract time elapsed. Construction layout is 86% complete with a 3 man engineering crew engaged in compiling supporting data and staking riprap area.
Structures - No work during this reporting period. Contractor to resume operations in the Spring. Structures are 84% complete. Construction layout is 95% complete with a 2 man engineering crew engaged in compiling supporting data and other assignments.

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. Base; Pl. Mix. Bit. Surf.; Signing; Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co.,(JV) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - There has been no progress due to winter shutdown. The project as a whole is 86% complete with 84% of the contract time elapsed. Construction layout is 86% complete with a 3 man engineering crew engaged in compiling supporting data. Traffic using F-2 & F-3 Frontage Road the length of Project as per plan. Detour in good travel condition.
Structure - Final inspection was made November 23, 1976. Supporting data was submitted to Division office January 28, 1977. This portion of project is 100% complete, with a 2 man engineering crew engaged in other assignments.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg. Surf., Pl. Mix. Bit. Base, Pl. Mix. Bit. Surf., Lengthen 2 Add two Lane - Teton & Pondera Co.
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv), Contr.
East Helena, Montana
S. Newton & H. Strong, Mgr. - F.P.U.(Road)
K. Minehan, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - There has been no progress due to winter shutdown. The project as a whole is 96% complete with 83% of the contract time elapsed. Construction layout is 99% complete with a 3 man engineering crew engaged in compiling supporting data.
Structures - Structures are 100% complete, with a 2 man engineering crew engaged in other assignments. The Supporting Data was submitted to Division office January 24, 1977. The bridge rail damage (Collins Interchange) as reported earlier has been repaired.

I 15-7(18) 330
E. Frtg. Rd. - Valier Jct. No. & So.
Pondera County
13.84 miles: Grading, Agg. Surf., Pl. Mix. Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc. (Jv)
Great Falls, Montana
Tom Hammerbacker, Mngr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Prob. Comp. Date: August 1977

Six man engineering crew engaged in Construction Staking, which is 90% complete. Preconstruction meeting was held December 2, 1976. Contractor intends to begin operations in the Spring of 1977. Telephone Company engaged in reroute work, presently are 85%, will be clear pryor to construction.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc. Contr.
Great Falls, Montana
Glen Enderson, Mgr. F.P.U.
Phone #278-5412
P. O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

Department of Highways February 6, 1977

Project on winter shutdown. A two man engineering crew engaged in checking final construction quantities on completed items. The project as a whole is 93% complete with 70% of the contract time elapsed. Construction layout is 100% complete. Traffic travelling over Project.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

February 4, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending February 4, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some snow. The temperatures have ranged from -20° to +50°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E. O. I
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

A 2 to 3 man engineering crew worked 6½ man days relocating the centerline and setting offset stakes. Cross sectioning will resume on or about Feb. 3, 1977. Centerline and bench levels are 100% complete, topography is 90% complete. Check levels and cross sections are 17% complete. A total of 153 mandays have been worked to date and the location as a whole is 34% complete.

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Wolf Point, Montana
Contract Time: 140 working days.
Probable Completion Date: 6/10/77

No work on this project this period. 1" pl. mix bitum. base remains 51% complete. Seeding items remain 95% complete. Fencing items remain 95% complete. The project as a whole remains 76% complete with 64% of the contract time elapsed. The 5 man engineering crew is assigned to other projects.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days.
Probable Completion Date: 7/1/77.

The project is under a winter shutdown. The construction of the inlet and outlet transitions for a C.S.P. arch culvert, crossing centerline at Sta. 553+40, is now complete. A two man engineering crew was assigned to the construction layout and inspection of this item. The project as a whole is 62% complete with 82% of contract time elapsed.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811
Completion Date: 10/15/76

One to two men worked 7 days in the office checking remeasure notes and final. Remeasure notes were sent to Helena on Friday January 14, 1977 for IBM computations. The final estimate is 15% complete.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion date: 7/1/77

There has been no progress by contractor this reporting period due to winter shutdown.

RF-62 (14), & RF-132 (14) (Continued)

Unclassified excavation and related items are complete except for final cleanup and finishing. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 97% complete and sidewalk is 30% complete. Bridge widening was completed 11/9/76. The project as a whole is 85% complete with 66% of the contract time elapsed. A five man engineering crew is working on remeasure of projects RF-132 (13), 62 (14), and 132 (14).

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunbrust South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co. Inc.(J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been fair. The subcontractor, Sletten Construction Company, worked 18 eight hour and 2 four hour shifts with up to 7 men employed. All beams have been placed on the Sunburst Interchange at Sta. 1419, and at the structure over the railroad at Sta. 1439. Decking is 90% complete on the Sunburst Interchange at Sta. 1419. Began decking on structure at Sta. 1439 on Jan. 31, 1977. No work on the structure at Sta. 1644, McVey Interchange. The subcontract as a whole is 41% complete. A 1 to 3 man engineering crew has been engaged in inspection on the project.
ROADWAY:
No work by the contractor this period. Embankment and related items remain 32% complete. Culverts and related items remain 59% complete. Fencing items remain 68% complete. The project as a whole is 24% complete with 43% of the contract time elapsed. A 3 to 7 man engineering crew worked 24 days. Set reference points and prepared notes and checking guard rail quantities, and sign notes and quantities. Computing and balancing dirt quantities is approximately 60% complete.
UTILITY REVISIONS:
Maries River Electric revisions remain 95% complete with change over and remove poles from 1690 to 1714 remaining to be completed. Burlington Northern R.R. completed installing their revisions 7/29/76. These revisions will be removed after construction is complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co. Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 230 working days
Probable Completion Date: 4/30/77

No work on this project this period. All contract items remain the same. The project as a

whole is 93% complete with 91% of the contract time elapsed. A 4 to 7 man engineering crew is engaged in remeasuring the project and working on project notes.

I-15-8 (28) 343 U-2
Toole County LineONorth
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76.

One to two men are working on final quantities as time permits, as these men are engaged in other projects.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 424-2022
Contract Time: 235 working days
Completion Date: 10/30/76

One to two men are working on final quantities as time permits, as these men are also engaged in other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit. surf., & signing
Contract let: 10/28/76
Contract amount: $2,176,268.12
Work not started

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable completion date: 11/15/77

No work on this project this reporting period.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert Bonner, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 140 working days
Completion Date: 10/30/76

The project notes and supporting data has been checked in the Division office and a revised semi final has been submitted to Helena. The final estimate and supporting data will be submitted to Helena as soon as the IBM estimate sheets are received. This constitutes a final entry in this report.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work Started: 9/14/76

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 40 working days
Completion Date: 10/26/76

The final estimate and supporting data was submitted to Helena on January 31, 1977. This constitutes a final entry in this report.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date: 11/15/77

A preconstruction conference has been set for Wednesday February 9 in the Havre Division office. A 2 to 7 man engineering crew has been working on construction layout. Slope staking is completed from Sta. 208 to Sta. 320 for 37% complete. R/W line is run from Sta. 208 to Sta. 450 for 40% complete. Areas of possible heavy drifting snow were cross sectioned. They are right of centerline from Sta. 413 to Sta. 430, and Sta. 450 to Sta. 462. Construction layout as a whole is 35% complete.

TQX-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work not started

E. F. Matelich Construction Company
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Probable Completion Date: 8/31/77

No work on this project. Preconstruction conference not yet requested.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, Aggr. Surf., pl mix
Bit. surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work not started

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract time: 30 working days
Probable Completion Date: 6/15/77

Preconstruction conference not yet requested. A 4 man engineering crew worked 3 days on construction layout. Layout as a whole is 50% complete.

SMP 5199-77
Various Roads
Crush & Stockpile
Blaine, Glacier, Pondera
and Toole Counties
Contract Let: 1/27/77
Contract Amount: $98,070.00
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
William Neely, Lab. Supv. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 55 working days
Probable completion date: 7/15/77

No work on this project. A preconstruction conference has been set for Wednesday, Feb. 9, 1977 in the Havre Division office.

Respectfully submitted,

For L D Nelson

Hazen D. Flickinger, P.E., Supv.Division
Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
February 3, 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending February 1, 1977.

GENERAL

Progress throughout the Division was poor. The weather was mostly cold. Temperatures ranging from -30 degrees to +30 degrees.

PRECONSTRUCTION

F-RF-245(12), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana-Phone 365-5296
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross-sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used to date.

RS-31(7), CIRCLE-NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Survey was suspended March 1, 1976 with 416.5 man days used to date. This survey is approximately 47% complete.

RS-302(24), BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA-EKALAKA
2ND SECTION - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight man days used to date. Work has been suspended until spring.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6), 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

During the past period 21 man days were used on earthwork balancing, draining design and computing additional excavation quantities. Design is 25% complete with 56¼ man days used to date.

RS-361(13), PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H.D. Kelly, Fld. Proj. Mgr. - Roadway
C.H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Work on this project has been suspended for the winter. Construction layout remains an estimated 91% complete with 4 engineers employed this past period working on notes and supporting data. Project as a whole is 56% complete with 136 working days or 52% of the contract time elapsed.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - April 30, 1977

Progress during the past period has been fair. Thirty-three 8-hour shifts were worked with 3 to 12 employed. Tightening of high tensile bolts was in progress along with setting of expansion devices. All work on the structural steel item was completed on February 1, 1977. The covering of side anchors with top soil remains to be done along with some minor repair of bruises and chips in concrete units. This work will carry over til spring when weather conditions are favorable. Erection of drainage system was started Dec. 24, 1976 and completed Jan. 25, 1977. The larger portion of equipment, cableway system, contractors office and small tools have been removed from project. Project as a whole is 99.9% complete with 57 working days used or 44% of the contract time elapsed. Construction layout with one engineer and one inspector is 100% complete.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Not Yet Started

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT 84110
A.J. Kuntz, Fld. Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1978

No word has been received from the contractor.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Fld. Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of the contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr. -Rdwy
Ken Quale, Fld. Proj. Mgr., - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - June 1, 1977

Prime Contractor Joe Mayo & Sons, Inc. are shut down for the winter. The project as a whole remains at 93% complete with 204 days used or 84% of the contract time elapsed. Construction layout is 97% complete with 1 to 3 men in field office checking various construction notes.

I-94-6(29)226 UNIT I
GLENDIVE-WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Gradeand Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

PROGRESS REPORT CONSTRUCTION

During the past period, sub-contractor F.L. Flynn & Co. employed four men for six 8-hour shifts excavating for footings, and driving steel brg. pile on Abuts. No. 1 and 4 westbound Str. at Sta. 1217+50. Structure Excavation Type 1 is a total to date of 140 cu. yds. or 19% complete; furnish and drive steel brg. pile is 23% complete. The project is estimated less than 1% complete with no contract time charged to date. During the past period a 5 to 15 man engineering crew worked part time staking westbound stations 1110+00 to 1130+00 and 1210+00 to 1290+25, also slope staked B1, B2, B3, B4 ramps. Engineering layout is estimated 70% complete with a total of 591 man days used to date.

RF-246(21)
LINDSAY-NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr. Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Comp. Date - November 5, 1976

The project was completed November 5, 1976 with 201 of 237 calendar days or 85% of the contract time elapsed. Final estimate is 75% complete with an estimated submittal date of March 4, 1977.

RF-391(16), LAMBERT-EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1977

No work this past period. All items remain at 100% complete with the exception of sealing and final pavement marking. The crushing crew had planned to return to the project this winter to crush and stockpile cover aggregate, however extreme low temperatures have changed these plans. The project as a whole is 75% complete with 63 days or 57% of the contract time elapsed. The engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Very little progress this past period. One man worked one 9-hour shift with a front end loader and placed rip-rap on channel change slopes of O'Brien Creek. No other work. Rough grading is completed in miles 5 and 6. Items and percent complete are: Unclassified Excavation 72%; Culverts 53% complete; Fencing 95% complete; Riprap 91% complete. The road portion of the project is 40% complete. No work by bridge crew this past period, all work on the bridge (with the exception of the protective deck coat and hand rail painting) is complete. The bridge portion of the project is 97% complete. The project as a whole is 45% complete with 97 days or 60% of the contract time elapsed. The construction layout is 100% complete. The engineering crew is engaged on another project.

RS-128(14), 9 MI. NORTH OF WIBAUX-NORTH
Length - 4.5 Miles
Grade, Agg. Surf., Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - September 23, 1976

This project was completed on September 23, 1976 with 184 calendar days or 121% of the contract time elapsed. Final estimate is an estimated 75% complete with one man engaged part time.

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

There has been no progress this past period. Contractor Joe Mayo and Son, Inc. suspended operations on Dec. 3, 1976 and will resume operations when weather permits in the spring. The project as a whole is 35% complete with 137 working days used or 76% of the contract time elapsed. Construction layout with 3 men working part time in the office checking notes and other supporting data is estimated to be 82% complete.

RS-347(17), ALZADA-EKALAKA
Length - 4.3 Miles
Grade, Aggr. Surf., Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Comp. Date - October 29, 1976

This project was completed on October 29, 1976 with 92 of the 132 working days used or 69.7% of the contract time elapsed. The final estimate quantities with three men working part time is 100% complete. The final estimate and supporting data was submitted to the Division Office on Jan. 28, 1977 where final checking of the quantities has been completed. The final estimate and supporting data will be submitted to Helena during the first week in February 1977. This will be the final report on this project.

RS-394(3) WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Conc. Gird. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Not Yet Started

McIntyre Const. & S. Birch Inc.
P. O. Box 2167, Great Falls, Mont. 59403
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Completion Date - Oct. 28, 1977

Prime contractor McIntyre Construction Co. & S. Birch Inc. have not yet moved onto the project. Construction layout with a 9 man engineering force, staking centerline and setting right-of-way points is estimated at 5% complete.

Respectfully,

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
February 4, 1977

CONSTRUCTION BUREAU

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending February 4, 1977.

GENERAL

The weather has been extremely cold with measureable amounts of rain and snow this past period. Road construction has been suspended for the winter. Off system roads and signing projects have also been suspended. The temperatures ranged from a low of -35 to a high of 33 degrees.

PRECONSTRUCTION

F 1-8( ) Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--02-15-77 (PIH)

One man day was used in design this past period. Design is approximately 5% complete.

RF 001-9-(001) 644.2, Culbertson-Diamond Cr.
Proposed Culvert Installation
Authorized--09-16-76
Location Survey Started--10-04-76
Location Survey Completed--12-15-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701

Two man days were used by division personnel this past period on preliminary engineering.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--03-31-77

Six man crew worked 102 man days this past period and ran centerline from Station 970+00 to Station 1145+71, ran levels and set bench marks from Station 919+00 to Station 1145+71 and ran check levels and centerline profile from Station 910+00 to Station 940+00. Percentages complete on 10.1 mile survey are as follows: Centerline and bench levels 00% complete; profile 60% complete;

F 193(22), Plentywood-South (Continued)

section ties 15% complete. Progress has been slow because of deep snow, wind and very cold daytime temperatures. The project as a whole is 35% complete with 370 man days used to date.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--04-30-77 (PIH)

16 man days were used this period for a total of 307 man days on location survey. Location survey is 100% complete. Design started 01-17-77. 12 man days were used on design.

TQS 250-1(2)37, Wolf Point N & E Loop
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized 12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

Three man days were used on design the past period. Proposed plans submitted to Helena for PIH prints on 01-10-77.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76(Location)
Est. Compl. Date--12-15-76(PIH)

The location survey is 100% complete. 13 man days were used on design this period. A total 137 man days have been used to date on design. Plans are 50% complete and ready for PIH prints. Waiting for determination of which construction alternate will be proposed.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--05-30-77

Location survey field work was started on 01-11-77. Fly line is 100% complete. Ownerships are 80% complete. Centerline is 15% complete. The project as a whole is 10% complete with 70 man days used to date.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77

George Nelson, Field Proj. Mgr.
Scobey, Montana
Est. Compl. Date--04-15-77

Crew located in Scobey on 01-06-77. A six man crew worked 102 man days this past period. Established fly line from beginning of project through mile nine. Centerline ran from Station 2082+25.2, beginning of project, through 2344+08.9 for 38% complete. Work on project is slow due to weather and snow conditions. The project as a whole is approximately 9% complete with 112 man days used to date.

F 273(16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--05-15-77

Authorization to make a complete bridge site survey was issued May 13, 1976. Work will be accomplished as sson as a crew is available.

CONSTRUCTION

RS 15(17) & RS 202(6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12), U-1, US #2-Dodson
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

No work on project the past period. The project remains 86% complete with 84% of the contract time elapsed. Engineering crew assigned to other projects.

RF 240(13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45 (See Special Provision)
Prob. Compl. Date--02-15-77

Progress this past period consisted of erecting three lite standards with attached luminaire assembly for a total to date of three or 27% complete. 3400' of copper conductor wire was placed for a total to date of 3400' or 31% complete. Underground work is 100% complete. Project is 65% complete with 53% of the contract time elapsed. Two contractor employees worked 4-8 hour shifts. One state employee is engaged on the project.

SMP 2899-76, Maintenance Stockpiles
McCone, Prairie, Roosevelt & Wibaux Counties
CRUSH & STOCKPILE
Contract Let--11-18-76
Contract Awarded--11-19-76
Proceed Order Date--12-10-76
Bid Price--$224,375.00
Work Started--12-10-76

Francis Tindall, Contractor
Lewistown, Montana
Leroy Anderson, Mat'l Supr.
Wolf Point, Montana
653-1050
Working Days--120
Est. Compl. Date--03-31-77

Crushing in Pit No. 4010-10, Prairie County, is complete but has not been hauled to the stockpile site. Started crushing in Pit No. 2840-35, McCone County, on February 1, 1977. 550 ton of 1/2" top surface produced or 5% complete. Project as a whole is 17% complete with 22% of the contract time elapsed.

Robert M. Hanson

for Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

February 4, 1977

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending February 4, 1977.

GENERAL

Temperatures ranging from +15 to +40 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I-90-8(77)455
Johnson Lane - Billings
Length 1.00 Miles
Survey Authorized 1-18-77
Work Started 1-20-77

D. C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-77

Centerline median and reference line has been run from Station 1080+00 to Station 1134+20. Centerline on Johnson Lane ("J" Line) has been run and referenced from Station 1+01.5 to 16+50. Benches set and levels and check levels ran from Station 1080+00 to 1134+20. Base lines for Ramp #1,#3 and #4 and a portion of Ramp #2 have been run and angles turned and closed from offsets from ℄ median to Johnson Lane centerline. Cross-sections on Base line of Ramp #1 have been taken from Station 1080+00 to Johnson Lane from shoulder of the Westbound lane to the Interstate chain link fence. Ownerships have been obtained and signatures from the property owners for the Permission to Survey forms have been acquired except for three which were mailed and have not been returned as yet. A five man survey crew used 48 man days this reporting period for a total of 48 man days used.

I-90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Started 12-1-76

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Completion Date 12-13-77

All requested data has been forwarded to the Preconstruction Bureau.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the past reporting period. Design work is 25% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Design work is 52% complete and the estimated completion date is January 31, 1979.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 2-1-77

No work was done on the project from 2-27-76 to 12-6-76. Work was done from 12-6-76 through 12-13-76 with five men employed. Completed all field work except sections which will be completed after corners are re-established by consultant.

S 252(4) Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-25-77

Three employees worked on this project during the past reporting period making plan-in-hand changes on the plans and cross-sections. The layout and inking of frames on the linen summary sheets was started. Design work is 52% complete and the estimated completion date is March 25, 1977.

S 260(10) Lodge Grass-St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 20, 1977.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27± Miles
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 5-1-77

Verical control work began on this project on December 21, 1976. Three wire levels have been established from USGS Bench Marks, and Bench Marks have been set at approximately 1000' intervals throughout the length of the project. Elevations have been set on the 27 target control points. A five man engineering party is presently running levels to the 37 photo image points. One hundred and seventeen man days have been used to date and completion of the project is estimated to be 25%.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 6-1-77

A five man engineering crew worked 15 days setting Bench Levels and cross-sectioning cross drains on the last 12 miles Section of the project.

CONSTRUCTION

I-IG 90-8(64) 391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-76
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M. - Structures
Michael Zahn, F.P.M. - Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 3-15-77

The contractor did not work on the project during this period. The project was completed on December 16, 1976. All of the items are 100% complete except for some patching. The project is 99% complete with 80% of the contract time elapsed. A five man engineering crew is working on final quantities.

I-90-9(28)509 U1 and I-90-9(34)491 & FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg. Surf., Pl. Mix Surf., Fencing Signing & Rel ated Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire Sand & Gravel Co's., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 6-30-77

No work was done on the following projects for the past three weeks: I 90-9(28) 509 U-1, FI 188(10) and I 90-9(34)491 (Safety) while all items remain the same as previously reported. The contract as a whole is 82% complete with 82% of the contract time elapsed. Three men are working in the office on the I 90-9(28)509 U-1 project notes and computations.

I-90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for Seal Coat Operation. The project as a whole is 89% complete with 80%of the contract time elapsed.

I-94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 350 Calendar Days
Completion Date 10-7-76

All data has been submitted to Helena. This is the final report for the project.

I-94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219.975.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

All data has been submitted to Helena. This is the final report for the project.

I-94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.47
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 200 Working Days
Completion Date 9-9-76

All data has been submitted to Helena. This is the final report for the project.

I-94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working days
Probable Completion Date 7-1-77

There has been no work on the projects by the contractors since December 20, 1976. They have shut down construction for the winter. Three men are working up quantities in the project office.

I-94-2(17)60 U1 & I 94-2(19)56 Cont.
Percent complete of various items are as follows: Grading 97%, Surfacing 33%, Drainage 94%, Structure 97%, Fencing 76%, Signing 10%, Project as a whole 60%. 230 of the allotted 303 working days have been used, making 76% of the contract time elapsed. Construction layout is 62% complete.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

Poor progress. The contractor worked four 8-hour shifts with 19 men employed but was forced to shut down due to cold weather and snow. Approximately 20,000 cubic yards of Unclassified Excavation was hauled between Station 241+50 and Station 299+50. The contractor worked three 8-hour shifts with two men employed installing RCP culverts at Station 118+49 and Station 127+69. Bozeman Sand and Gravel Co., Sub-contractor worked three 8-hour shifts with six men employed setting up a crusher in the pit and will begin crushing and stockpiling aggregate for the project about February 2, 1977. Work has not started on the bridge structures; however, the reinforcing steel and steel piling have arrived on the project. The Grading is 22% complete, Drainage items are 32% complete and Fencing is 65% complete. Work has not yet begun on structures. The project is 11% complete with 13% of the contract time elapsed. A four-man engineering crew was assigned to the roadway layout and a three-man crew worked fifteen man-days on structure layout and computing and checking structure quantities. Seven personnel were assigned to the project for engineering and inspection of the roadway items. The engineering layout is 14% complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

There was no progress this reporting period with a Winter Shutdown in effect. The grading has been completed except for clean-up behind the curbs and the placing of some topsoil. Some fence needs to be completed. Striping of crosswalks, parking lanes and stop lines remains to be done. The seeding also remains to be done. The Miscellaneous items remain 69% complete. The Grading items remain 97% complete. The Drainage items are 100% complete. The Surfacing items are 100% complete. The Curb and Gutter items are 100% complete. The Signing and Lighting items are 95% complete. The Fencing items remain 43% complete. The project as a whole remains 92% complete with 139 days of the 186 working days allowed having been used or 75% of the contract time elapsed. Three men have been working in the office compiling data for the project final. Engineering layout is 100% complete.

RF FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 180 Working Days
Completion Date 10-22-76

All data has been submitted to Helena. This is the final report for the project.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The prime contractor, Cop Construction Company, had an average of two men employed and worked three 8-hour shift setting sign posts and hanging signs. Posts-Tubular Steel is approximately 100% complete and Signs-Sheet Alum. Refl. Sheet A is 100% complete. All other items remain the same as previously reported. Contract time elapsed has been 98 working days or 98% to date and two working days remain, with the contractor on a winter shut-down. Ten working days have been added through Change Orders. Engineering time charged to the project has been 48 man-days during the past reporting period. A six man engineering crew has been working in the office on field notes. The project as a whole is approximately 90% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-1-77

No work was done on the project during the past reporting period and all items remain the same as previously reported. Contract time elapsed has been 100 working days or 66% to date and 51 working days remain. The contractor is currently on a winter shut-down. Engineering time charged to the project during the past reporting period has been 31 man-days. A four man engineering crew has been working on notes and final data in the office. The project as a whole remains approximately 76% complete.

M 1018(2) & M 1009(2) U2
Interm Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The contract was let October 28, 1976 and awarded to Midland Electric Company, of Billings, Montana on October 29, 1976. A Notice to Contractor to Proceed with Work, April 18, 1977, was issued the contractor on November 3, 1976. No date for preconstruction meeting has been set as of this date. The contractor is expected to start work this spring when the weather permits. Engineering time charged to the project has been 21 man-days during the past reporting period. Two men have been working in the office on signing and electrical notes.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

The contractor did not work on the project during this period. Bridge items are 100% complete. Grading items are 100% complete. Surfacing Items are 91% complete. Seeding items are 93% complete. Drainage items are 100% complete. Guardrail items are 100% complete. Signing and Striping items are 43% complete. Fencing items are 89% complete. No engineering personnel were assigned to the project during this period. Construction layout is 98% complete. The project is 97% complete with 92% of the contract time elapsed.

HHS 212(20) Lodge Grass - North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shut down due to time limitations for seal coat operation. The project as a whole is 92% complete with 91% of the contract time elapsed.

HHS 4-2(1)52 U1 - Maint & 1st Ave. - Laurel
Installation of traffic devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Michael Zahn, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-30-77

The contractor has not yet requested a preconstruction conference.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
February 4, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending February 4, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occassional wind, and periods of precipitation prevailed during the past period. Temperatures ranged from 22° below to 39°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - 1.152 Miles
Survey Started: December 14, 1976

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Survey Completed: January 24, 1977

All field work for this location survey was completed January 24, 1977. Supporting data was turned into the Division Office for checking January 24, 1977.

S 252 (4) - 8 Mi. So. of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1977

Delmer F. Borer and a 5-man engineering crew were assigned to this location survey January 13, 1977. Work in progress consisted of running centerline on 4.0 miles. To date, centerline has been run on 4.0 miles or 44% complete. 83 man days were used making a total of 83 man days used to date. The survey as a whole is 9% complete.

DP 252 (5) - Rosebud-South (Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94 (Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 30, 1977

Field work was resumed on this photogammetry design survey January 17, 1977. Work in progress since that date has consisted of running centerline on 3.5 miles. 24 man days were used making a total of 411 man days used to date.

DP 323 (16) - Colstrip to I-94 (South Section)
Length - 5.7 Miles
Survey Started: October 27, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Survey Completed: March 9, 1976
Survey Resumed: December 13, 1976

A 4-man engineering crew continued work on this location survey until January 14, 1977. Due to intensive industrial development in this area, supplemental survey work consisting of additional topography between Stations 8+00 and 145+00, cross section extentions between Stations 58+00 and 66+00 were conducted. This work has been completed. Also, a county road realignment survey left and right of Station 39+00 was required and is 80% complete. Further field work will be performed as required. 76 man days have been used to date.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: June 15, 1977

Field Project Manager, Robert E. Swanson, and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Mile
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: June 15, 1977

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been poor. The only work performed was the bridge crew decking on the structures. To date, 1,103,000 cubic yards of unclassified excavation have been moved or 76% complete. 477,000 cubic yards of unclassified excavation borrow have been moved or 95% complete. 3,304 lineal feet of CSP culvert have been installed or 91% complete. 2,391 rods of fence have been installed or 59% complete. 4,820 tons of plant mix type 3 have been placed or 10% complete. 372 lineal feet of RCP culvert have been installed or 29% complete. Plant mix seal is 80% complete. SSPP culvert is 100% complete. The contractor worked 19 eight-hour shifts with 6 men employed. The structures, as a whole are 59% complete. The contract as a whole is 55% complete with 38% of the contract time elapsed. Construction layout is 74% complete.

I 94-3 (27) 114 - Hathaway-E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

No work was performed on this project during the past period. To date, grading operations are complete. 34,668 tons of 1½" crushed base surfacing have been produced or 49% complete. 73,237 tons of 3" crushed base surfacing have been produced or 84% complete. The project as a whole is 82% complete with 62% of the contract time elapsed. Construction layout is 85% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued.....

Progress during the past period has been poor. Work in progress consisted of crushing and stockpiling the remainder of the plant mix base aggregate and 800 tons of the cover material. To date, Project RF 156 (15) has been completed through the 1st lift of plant mix base and Project RF 156 (17) has been completed through plant mix surfacing. Temporary centerline and shoulder line striping has been placed on both projects. The contractor worked six 8-hour shifts with 6 men employed. The project as a whole is 59% complete with 67% of the contract time elapsed. Construction layout, with a 2-man engineering crew engaged, is 82% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Not Started

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: November 15, 1977

Construction layout in progress during the past period consisted of running Right-of-Way lines on 3.033 miles, levels on 5.433 miles, and setting slope stakes on 2.0 miles. To date, centerline, right-of-way lines, and levels have been run on 5.433 miles or 100% complete. Slope stakes have been set on 2.0 miles or 37% complete. Construction layout, with a 5-man engineering crew engaged, is 30% complete. The Preconstruction Conference was held November 23, 1976. The contractor has advised us that no major work will be accomplished until the 1977 construction season. None of the contract time has elapsed.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 125 Working Days
Actual Completion Date: October 26, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions October 26, 1976. Formal inspection and acceptance were made October 27, 1976. The final estimate was submitted to Helena January 19, 1977. This will be a final report.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grad., Gravel Surf., & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Miles City, Montana - 232-1093 Tel No.
Contract Time: 200 Working Days
Actual Completion Date: Nov. 4, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions November 4, 1976. Formal inspection and acceptance were made November 9, 1976. The final estimate with a two-man engineering crew engaged is 85% complete and will be submitted to the Division Office about February 14, 1977.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel No. 232-1093
Contract Time: 45 Working Days
Actual Completion Date: August 17, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 17, 1976. Formal inspection and acceptance were made August 23, 1976. The final estimate was submitted to Helena January 25, 1977. This will be a final report.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

February 4, 1977

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of January 4, 1977, through February 4, 1977.

GENERAL

The temperatures varied from 47 degrees above to 18 degrees below zero with 1.49 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4/16/73. Bridge Situation Survey was submitted to Helena on 9/18/73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9/18/73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on 9/18/73. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. Sheets for Run No. 2 were received from Helena on 9/29/76. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 96% complete. The design as a whole is 25% complete with 129½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on the project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: 12/13/76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

144 man-days were expended during the past reporting period. Work consisted of running centerline, 100% complete; levels and check levels, 100% complete; locating section corners, 20% complete; cross-sectioning from Station 0+00 to 30+00, and from 64+00 to 85+00, 35% complete; topography from Station 64+00 to 85+00, 15% complete. The survey is 15% complete with 175 man-days expended to date.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field survey work resumed on this project 1/17/77. Work the past reporting period consisted of re-establishing centerline from Station 600 to Station 630, cross-sectioning from Station 605 to Station 630, and taking topography from Station 80+00 to Station 240+00. Items and percentage complete are as follows: centerline, bench levels, land ownerships, and cross-sections, 100% complete; checking field notes, 90% complete; topography, 50% complete; section ties, 16% complete; plotting profile and cross-sections, 12% complete. A total of 460 man-days have been expended and the survey is 87% complete.

RF 235 (38) Stanford-East and West
Approximate Length: 8.00 Miles
Survey Authorized: 9/28/76
Survey Started: 1/31/77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

Survey work began on 1/31/77, with a 5-man engineering crew assigned. Work has consisted of retracing the original alignment and references. 22 man-days have been expended to date.

ER 72 (23) Lewistown-Southeast, Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Suspended: 7/29/76
Survey Resumed: 9/27/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office 11/15/76. Plotting and inking mylar and profile, plotting and inking cross-sections, tracing plan and profile linen are all 100% complete. 9 man-days were used plotting summary sheets for 75% complete; designing Geology recommendations for 50% complete. The design as a whole is 55% complete with 36 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana

Field location survey was resumed 1/24/77. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline, bench levels established and check levels, and centerline. Section ties are 30% complete; Cross-sections are 45% complete, topography 10% complete, plotting cross-sections and profile are 30% complete. A total of 180 man-days have been expended with the location survey 48% complete.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

29 man-days were expended during this work period. 4 man-days were expended on section ties, and 25 man-days were expended plotting, checking and inking bridge situation surveys. Centerline, bench marks set and levels run and checked, roadway cross-sections, topography taken are 100% complete. Field notes checked are 90% complete; section ties remain 60% complete; drainage areas and drainage recommendations are 80% complete; bridge situation survey is 65% complete; plotting profile and plan is 100% complete. A total of 659 man-days have been expended to date and survey remains about 96% complete.

DESIGN: Tracing plan and profile linens remain 80% complete; laying preliminary grades on profile remain 85% complete. The design as a whole is 5% complete with 27 man-days expended to date.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379
Survey Authorized: 1/27/76
Survey Started: 11/22/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

continued...

ER 72 (21) Melstone-Mosby, continued...

All supporting data was submitted to the Division Office on 1/5/77. Plotting and inking of cross-sections, plotting of mylar are 100% complete. 19 man-days were used plotting summary sheets for 80% complete; computing earthwork and plotting R/W for 100% complete; designing miscellaneous items for 65% complete. The design as a whole is 45% complete with 29 man-days expended to date.

LOCATION: A 3-man engineering crew worked 2 days the past reporting period getting additional drainage and completing field work on the location survey 1/4/77, using 106 man-days.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue in Lewistown have been sent to the R/W Bureau, Helena, for further processing.

M 7103 (1) Airport Road-Lewistown — Unassigned At This Time
Approximate Length: 1.7 Miles
Survey Authorized: 12/6/76
Survey Started:

No work on this survey to date.

M 7106 (3) Spring Street, 8th to 11th-Lewistown — Unassigned At This Time
Approximate Length: 1100.00 Feet
Survey Authorized: 12/6/76
Survey Started:

No work on this survey to date.

M 7109 (1) 4th Avenue-Lewistown — Unassigned At This Time
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey. Work will begin when a crew becomes available.

RS 42 (12) 6 Miles Northwest-Jordan — Unassigned At This Time
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey.

TQF 61-4 (1) 88 Slide North of Robinson Bridge on US 191
Approximate Length: ± 0.14 Miles
Survey Authorized: 11/16/76
Survey Started: 11/29/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office 12/16/76. An additional 18 man-days were used gathering required information for the design. 19 man-days were used plotting cross-sections, computing waste, designing miscellaneous items for 100% complete. Preparing preliminary cost estimate and writing special provisions for 70% complete. The design is 75% complete with 19 man-days expended to date.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface, and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction Co. (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 Working Days
Completion Date: 11/19/76

The project was completed 11/19/76 with 94% of the allotted contract time used. Final Estimate and Supporting Data are being checked for submission to the Division Office.

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change, and Riprap
Fergus County
Contract Awarded: 8/30/76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working Days
Prob. Compl. Date: 5/1/77

No work has been done on the project during the past reporting period. Completion of seeding and fertilizing operations will be done when weather conditions permit. The project as a whole is 99% complete with 97.4% of the contract time elapsed. The engineering crew has been assigned to other projects.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 6/1/77

continued...

U-RF 103 (15) Lewistown-North, continued...

Project is on winter shutdown with no work being accomplished during this period. Items remaining to be completed are: seeding, fencing, signing, installation of two 50-foot sections of curb and sidewalk, and final clean-up of project. The project is 96% complete with 75% of the contract working days expended. Construction layout is 100% complete with engineering personnel presently engaged on location survey on RF 235 (38), Stanford-Geyser Project.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing, Bridge
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

No work. Final cleanup and construction has been suspended for the winter. A 7-8 man crew assigned to the project working on final quantities and minor related field work. 72% of the project is complete with 55% of the contract time elapsed.

BRIDGE: 100% complete, pending guardrail touchup.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11/14/74
Contract Awarded: 11/15/74
Bid Price: $426,589.77
Work Started: 12/10/74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 150 Working Days
Completion Date: 8/24/76

The project was completed on 8/24/76 with 93% of the allotted contract time used. On 8/27/76, Mr. R. W. Freeman, Division Construction Section Supervisor, and the Meagher County officials made their final acceptance of the project. Final Estimate and Supporting Data was submitted to the Division on 1/13/77.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Work Started: 5/20/76

R. J. Studer & Sons Construction
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 90 Working Days
Completion Date: 10/26/76

The Final Estimate was submitted to the Division Office on 2/3/77, and will be submitted to the Construction Bureau, Helena, 2/28/77.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/5/76

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past reporting period has been poor due to inclement weather. The contractor is crushing cover material with 2-6 men employed and worked nine 8-hour shifts during the last reporting period.
The contract remains at 57% complete with 54% of the contract time elapsed. Construction layout remains at 88% complete with 1-2 engineering personnel checking notes and quantities.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing, and Construct an 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 7/1/77

No work was done on this project the past reporting period. The contractor moved off the project until next spring when weather limitations will permit Chip and Seal operations. The project as a whole is 92% complete with 60% of the contract time elapsed. A 4-man engineering crew completed remeasuring and checking of final grading quantities and submitted to the Construction Bureau on 2/3/77, for I.B.M. computation.

SMP 1499-76 Maintenance Stockpiles on Various Roads
Fergus, Judith Basin, Musselshell Petroleum, and Rosebud Counties
Contract Awarded: 11/19/76
Bid Price: $165,960.00

Empire Sand & Gravel Co., Inc.
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Notice to Proceed with work was issued on 12/10/76. The contractor, Empire Sand & Gravel Co., Inc., plans to begin work on or about 2/14/77, depending on their work schedule. The Preconstruction Conference was held on 1/28/77, in Lewistown. The project is 0% complete with 25% of the contract time elapsed.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/llg

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

JANUARY 14, 1977

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

January 14, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	50	39 OCT. 1977	R. J. Studer & Sons $2,759,751.00